

The

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• Effective against susceptible E. coll, Klebsiella-Aerobacter, Staph. aureus, Proteus mirabilis, and, less frequently, Proteus vulgaris

Bafore prescribing, please consult complete product information, a summery of which follows: Indications: Acute, recurrent or chronic nonobstructed urinary tract infections (primarily prelonsphrits, pyellits and cystitis) due to succeptible organisms. Mote: Carefully coordinate in vitro sulfonamida assatishe sets with bacta follogic and clinical response; add aminobactoric of otherwip outlines media. This increasing the product of the production of the produ

chronic or recutrent uninary fract Infections, Measura aufonamida blood levels as variations may occur; 20 mg/ 100 measure to a more subject to the more subject to th oaariamytta arghteetea meetroria and willing aradicata or pravent sequelas (rheums lic fever, glomeru lonaphritis) of such thiections. Daaths from hypersensi-ivity raactions, ggranulocytosis, aplastic anamie and oth blood dyecrasias have been reported and early clinical

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Medical Tribune

and Medical News -

world news of medicine and its practice-jast, accurate, complete

Wednesday, July 23, 1975

'Double Trouble' Theory

Glucagon Role In Diabetes **Is Expounded**

By FRANCES GOODNIGHT

Naw Yoak-The new "double trouble" hypothesis of diabetee and its implications for changes in patient treatment were assessed here by Dr. Roger H. Unger, of Southwestern Medical School, whose work has been crucial to the concept of diabetes as a biliormonal ebnormality—glucagon excess as well as insulin deficiency.

The complex issue of the relation-

ship of the alpha-cell and beta-cell abnormality in inherited human diabetes is still unsettled, Dr. Unger said in the Barting Memorial Lecture at the annual meeting of the American Diebetes

What has been definitely established, in his view, is that the quantities of exogenous insulin required to reduce the hyperglucagonemia in human diabetes exceed the amounts secreted in aormsi people; and that glucagon suppression by somatostatin "can achieve a level of glucoregulation with only a fraction of the insulin dose otherwise

Citing recent studies in juvenile diabetics, Dr. Unger noted that glucagon



Stanford Estimate:

Up to 3,100,000 **Have Ankylosing** Spondylitis in US

sity rheumatolngists believe. A study further suggests that the dis- "High confidence" was given

ease is nearly as cummon among womens men, in contradiction to the wat least we know whether or presently-accepted ratin of 1 to 10. not thay take away the trash."

Continued on page 16

PUBLIC CONFIDENCE in doctors ia plummeting, according to a new Harria poll. Though M.D.a still rated the most New Orleans—As many as 3,100,000 honest group, only 45% of Americans may have undiagnosed ankylosing spondylitis, Stanford University the manufacture of confidence in them,

Moderate View On PSROs Wins At AMA Parley

By EDWARD GROSSMAN
Medical Tribune Staff

ATLANTIC CITY, N.J.-Some delegates at the American Medical Association annual meeting here, encouraged by a recent federal court decision that eajoined the Department of Health, Educetion, end Weifare from implementing certain provisions of the Professional Stendards Review Organizations law, urged the A.M.A. to support physiciens who refuse in cooperate with governmental review procedures, and come

out for complete repeal of P.S.R.O. But other delegates cautioned against such actions, saying it would be best for the A.M.A. to stick with its policy, enunciated last year, of advising members to cooperate with the government while keeping control of review boards in the hands of local physicians and working for amendments to the law.

In voting on a variety of resolutions concerning mandstory P.S.R.O. and voluntary peer review, it was generally the modernte view that preveiled.

The federal enurt decision on a suit nf the A.M.A. ngainst H.E.W., handed down by Judge Julius J. Hoffman in Chicago on May 27, granted an injunc-tion forbidding participation of non-physicians in husplini utilization review

After 'Birth Without Violence,' Does a Baby Smile?

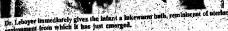


"Rich without violence" produces as infant who can smile on the first day of life.
as Dr. Lehoyer litustrates by gentle head-stroking.

By MICHAEL HERRING

housed repose field
New York—Can a beby smile on the
first day of life? Childs psychologists
88y 00. Dr. Envir E. Nichols, director

of practice activities for the American College of Obstetrics and Gynecology, says, "I don't know, What's a sinile? I'm not sure I can define a smile in a



However, Dr. Frederick Leboyer thinks infants can smile, and showed them doing it in a film at Hunter Col-lege Auditorium, where he discussed

The French pedietrician said he b gan trying to alleviate the treums of birth eight years ago, when, he said, he realized that the baby is not an object



CLINICAL NEWS NOTE: "When you

look at your bank account, you look at

the bottom line, and I think that's what

we have to do with this [Leboyer 'birth

without trauna' procedure] thing. If in

fact Leboyer can show 100,000 deliv-

eries this way with better results, then

I think there's nothing we can do but to take a real solid look at it." (Dr.

Medicine: pgs. 1, 2, 3, 5, 6, 7, 9,

Saudis opening doors to American and

Surgery: pgs, 1, 3, 6, 8, 18, 23

Laboted antimyoslu antibody oids in

A third of college football rookies show

neck domoge on x-ray23

Smoking mothers-to-be increase risks

Genetic onglineering and the role of the

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Ervitt E. Nichols, see page 22.)

12, 13, 18, 19, 20, 23

Pediatrics:

Ob/Gyn: pgs. 1, 23

'Double Trouble' Diabetes Theory Expounded Saudi Arabia

suppression with somatostatin results in marked improvement in hyperglycemia without the massive doses of otherwise needed, and even blocks the postprandial hyperglycemia these patients would usually experience.

"One cannot help but he impressed," he added, "with the potential therapeutic efficiency that a safe and practical glucagon-suppressing drug might offer in the control of diabetic hyperglycemla."

How immediate are the prospects for such clinical application?

Dr. Unger believes it would be "the height of irresponsibility" to suggest at an diabetes-"the hyperglucagonemia the present time that aafe therapy derived from the gastrointestinal tract aimed at correction of both of the double troubles of hyperglucagonemia and hypoinsulinemiu would offer more than ventional methods of glucoregulation directed solely at insulin delivery.

"But it would be the height of nihilism not to hope, and the height of indifference nat to find out," he empha-

During his lecture, Dr. Unger-introduced affectionately as "Mr. Glucagon"-outlined the following description of the glucoregulatory functions of glucagon and insulin:

The unique biologic opposition of the twn hormones endows the alphacell, beta-cell unit with the ability to vary gluense flux in a manner physiclogically appropriate to prevailing circumstances while maintaining extraeclhilar glucose concentrates within "remarkably narrow limits," irrespective nf those circumstances.

Insulin is the hormone of glucose efflux from the extracellular space and glucogna normally acts as the donelnant regulator of glucose influx even though insulin also restrains glucose influx.

influx and Efflu

If the concentration of glueose in extracellular fluid is to remain unchanged when glucose flux changes, it is obvious that the influx and efflux must remain equal. At the time of violent exercise for example, the efflux into muscle rises and the influx must increase proportionately to keep glucose concentration constant. This takes place, partly under the influence of a marked increase in glucagon, with the result that hypoglycemin is prevented and the central nervous aystem ia assured of enough glucose.

Conversely, food intake increases exogenous glucose influx and glucose efflux must increase proportionately If hyperglycemia is to be avolded. This achieved by a rise in Inaulin accre-

Dr. Unger pointed out that such neal balancing continues throughout the lifetime of the normal, healthy person. The extracellular fluid glucose concentration stays within narrow limits except when critical injury or other serl-. ous stress demands an increase to maintain cerebral glucose delivery, and then nature's control system turns down insulin secretion and turns up glucagon sceretion to maintain streas hyperglycemia as long as the threat

The "double trouble" hypothesis of

diabetes, he said, "assigns to pancreatic and/or extrspancreatic glucagon the role of co-mediator of the full disorder" in carbohydrate metabolism.

According to this concept, insulin deficiency accounts for the underutilization of glucose but glucagon excessrelative or absolute-causes most of the glucose overproduction.

Whether diabetic hyperglucagonemia is suppressible by insulin is a question that cannot yet be answered definitively, Dr. Unger commented, Ia there more than one type of diabetic hyperglucagonemia? Or could it be that-as in the case of dogs with alloxduring underinsulination responds to insulin, while hyperglucagonemia of pancreatic origin is insulin-insensi-

Explanation Offered

But it is clear, he said, that most overt diabetics have a "double trouble," and that in most young juveniletype diabetics the basal hyperglucagoncmia is only partially corrected by high insulin doses. In others, insulin in extremely high doses is ineffective.

One explanation could be that the massive doses of insulin may be causing a high rate of glucose efflux "without sufficient sustained suppression of glucose influx during meals." And inappropriate mealtime hyperglucagonemia with a fixed level of circulating exogenous insulin "may be causing bursts of hyperglycemia.

Dr. Unger pased yet another question: "Is there an intrinsic defect afflicting both the beta-cell and the nipha-cell, both of which ariginate from a common anlage?" The fact that dinbetie alpha-cell secretion can he reduced by insulin, he cautioned, does not necessarily signify that its alphacell hyperactivity ia secondary to in-

'Biotheologic Inference

Although the investigator said that the possible long-term benefits of sustained metabolic normalization of the diabetic cannot be predicted by scientific evidence now available, he offered what he called "biotheologic inference" as a basis for guessing:

· "Nature's efforts are seldom pur-

· "Nature, through the coordinated secretion of insulin and glucagon, makes a formidable, and in most humans a remarkably successful, effort to avoid hyperglycemia throughnut

 "These humans virtually ulways esnver the next five years," Dr. Islam cape microangiopathy, whereas those humans in whom nature fails in its efforts to avoid hyperglycemia usually develop microanginpathy.



Investigations by Johns Hopkins Applied Physics Laboratory scientists or complex and little-understood patterns of pulsing fluid flow in modeled arterial branches are shedding new light on the role of hemodynamics in developing arterial malfunctions and atherosclerosis. Here, a momentarily frozenn-time view of the computer-simulated pulsed arterial flow in a symmetric hranch is revenled by a velocity vector field (where amail lines represent magnitudo and direction of local flow). At junction inict, the flow is not distributed overly in the chonnel; some of the flow is oven at a virtual standstill (repreaented by the lack of velocity lines shown by small dots). At the centerline of the channel, the flow is stronger, but it diminishes as one goes downstream.

Opens Doors Wide to MDs

GENEVA-With about \$14 billion to spend on health care development during the next five-year plan, Saudi Amhia is opening the doors wide to U.S. und Europeun physicians.

"We estimate that we will need about half a million people, including doctors, nursing staff, and health technicians, to bring our medical system to the level we have planned," Dr. Samer Islam, director of regional health services and hospitals. Rivadh said

Dr. Islam, here to attend the World Henlth Assembly, pointed out that Saudi Arabia is at present one of the countries where native-born physiclass ore in the minority. There is heavy to liance on U.S. and Europeaa medical staff in the cities, particularly in govcrnnicnt hospitals, while in the provinces most of the doctors are Arabic speaking Muslims from Syria, Egypt and Pakistan.

100 New Hospitals Planned

"We plnn to build 100 hospitals snid. "Even if we achieve only half that threet, we are still facing an enormous problem of staffing.

With the treasury awash with petrodollars, Saudi Arabian salary levels are likely to be compelitive with U.S. rates. In government service, a medical offi cer gels roughly \$1,000 a month basic salary, plus a further \$800-\$1,000 compensation allowance for his esti-moted loss of earnings away from private practice. Other allowances include housing, education grants, and paid home leove.

Smull Arabia's first medical school, which is under the sponsorship of Lon-don University School of Medicine, npened in Riyadh three years ago. A second, spansored by Johns Hopkins University, is scheduled to open soon In Jidda, and a third school later. The three together are expected to graduatc no more than 100 physicians a year when they are in full operation.

"So we are interested in getting U.S. and Europeans to set up also in pri-vate practice in our country," Dr. fslam told MEDICAL TRIBUNA.

Any doctor who wants to set up his own clinic or private hospital can probably qualify for a 50 per cent loss free of interest and spread over 10-13

WHO Deplores Growing Traffic in Plasma

GENEVA-Delegates from more than originated about 10 years ago in Cen-130 countries attending the World trail and South America and has re-Health Assembly here have been cently apread to Asia and Africa. alcreed to the disadvantages of a grow-

The traffic, which carries health risks for both donors and recipients of document issued to the meeting by the oped countries. W.H.O. director general, Dr. Halfdan

Financially, it shows attractions for some of the economically poorer countries, a liter of plasma may be bought plasma substances, was described in a pared with a cost of \$20.40 in developments.

In some centers now being opfabler.

Crated, single or double plasmapheresis. (Itts, when the presidence, which was first toted may be repealed up to several times assource, the report said.

per week on the same donor," Dr. Mahler said.

. In undernourished plasma donors especially, this may result in a deficiency of proteins or other essential plasma components, impair the body's mmune defenses, and provoke iron deficiency and anemia, it was noted.

For the recipients of at least some of the plasma derivatives, it has been established that there is a higher risk of contraction diseases, particularly hepathis, when the pleama is from a paid-

Chemonucleolysis for Disk Disease—Pros and Cons

Medical Tribune Report

Wednesday, July 23, 1975

San Francisco-Two separate studies of chemonucleolysis for the treatment of discogenic back pain indicated that it has something to offer, but also that it could produce complications and poor results on a large scale.

The properly selected failed laminectient can approach chemonatomy patient can approach chemona-electristic feeling he has "everything to gain and nothing to lose," Dr. Henry W. Apfelbach told the American Academy of Orthopaedic Surgeons. He is attending orthopaedic surgeon at Lake Forest Hospital in Lake Forest, Illinois.

Chemonucleolysis for disk disease is so easy and takes so little time "it could be improperly used or so widely and indscriminately used as to produce a horrendous number of complications and poor results," Dr. Briao H. Huncke told the Academy.

Controversies Noted

Dr. Huncke took note of the "controversies" of chemonucleolysis and the guestion of F.D.A. approval before concluding that "chymopapain chemo-nucleolysia is a ante method for managing patients with discogenic back and leg pain," Dr. Huncke is Clinical Asaistant Professor of Orthpacdic Surgery at Rush Medical School in Chicago.

Chemonucleolysis produces its best results in "patients who have back pain with unilateral sciatica with positive stretch tests " Dr. Huncke said.

Of his nearly 600 patients seen over three years, 47.4 per cent were male, 52.6 per cent female; 85.5 per cent of the patients were in good health with no associated orthopaedic dingnoses.

Dr. Apfelbach, in a separate study, concluded that "chemonucleolysis will give a high percentage of satisfactory results in the patient with a falled lami-

He said that in 49 failed laminectomy patients given chymopapain inlections for six months or more, results

Medical Tribune Report

Naw York-Should the Federal Gov-

ernment intervene in the "malpractice

crisis" that has now hit virtually every

Recent hearings held here by the

House Subcommittee on Hoalth and

the Environment, chaired by Repre-

sentative Paul G. Rogers (D.-Fla.),

got a different answer from almost

every witness, so the group indicated it

will continue to weigh the question as

it gathera more evidence and calls on

As one witness, Gary Turndorf of the New Jersey State Society of Anca-

thesiologists, put it, the problem is clearly "local in nature, but national in

scope," and the committee must go

much further in investigating key is-sues before reaching a decison, ac-

Still unresolved is the questionable

ectivity of the Argonaut Insurance

Company, which "infected the entire

state with the whole mess," according

to Alfred Julien, who represented the

other concerned parties.

cording to Rep. Rogers.

state in the union?

in 10, "fnir" in seven, und "puor" in critical element of patient selection.

especially useful in those patients whn problems are not significant. obtain o good result following their initial laminectomy for one year or more," Dr. Apfelbach said. "This group of patients uppears to have a prognusis following chemunicleolysis similar to that of the patient with a herniated disc in a 'virgin' back."

Dr. Apfelbach added that the use of chemonucleolysis avoids open surgery and its accompanying high morbidity.

Provious Surgery

Dr. Huncke said his group's experience with patients who had previously undergone surgery "is quite similar to that of Dr. Apfelbach.

"Previous surgery, if productive of 12 or more months of relicf for a patient-followed by a recurrence-docs not contraindicate chemonucleolysis, Dr. Huncke said. "Previous surgery, if not productive of any relief at all, usunlly precludes success with chemonu-

Dr. Huncke said the taking of a de- arachnoiditis in some of them.

were "excellent" in 24 patients, "good" tsiled and thorough history is the most and that if patients are carefully se "[Chemunuclenlysis] appears to be lected, medico-legal and compensation

Whether a nationt has had previous surgery or not, Dr. Huncke said, any evidence of perineural, epidural or intradural scarring "mitigates against chemonucleolysis

Myslography Used

Dr. Huncke said his group used myelography particularly to rule out arachnoiditis and other forms of searring. Electromyography was used to detect possible polyneuritis. He called discography "an essential part of the

But Dr. Huncke warned, "Unless Enteroboeter on salada can be hazard to you can obtain valid and reliable elec-trod-diagnostic studies, they are prob-New TB guidefloes suggest less isolation 8 ably worse than useless." Molpraetice rotes stiffening in Europe

Dr. Apfelbach said his group felt that if myclography had been done in the except for Britain9 patients who failed to benefit from chemonucleolysis, it would probably have substantlated a diagnosis of

75% of Arthritics Held Capable of Satisfactory Sex Life

\$35,000,000 in premiums last year. New York County Medical Society,

claims since the company came to the something to discourage the needless

lose an additional \$69,000,000 asso-tients. At the same time, we have to

ciated with claims over the next 20 create an atmosphere in which new

years, but, he said, Argonaut is re-

sponsible for only 54 per cent of that ment can be tried, even though they

company recently rescinded its pro- callst, who often sees patients in the

Medical Tribune Report

New Orleans-Three-fourths of nll pntients with rheumintoid nrthritls are discussingsex just to hind out the pamcapable of leading satisfactory sex lives, the American Rheumatism Association meeting was told here, and physicians were ureed to explain to them how they can do so.

If a practitioner feels uncomfortable discussing the subject, he should refer the urthritic man or woman for counselling.

These points were made by Richard Rogal, Ph. D., of the Runchns Las Antigos Hospital in Los Angeles.

the campany that until July I insured

full of surprising disclosures. Mr. Baker

only \$24,000 has been paid out in

Because he became president of Argonaut only a few weeks before the

hearing and joined the company in

January, Mr. Baker could not answer

questions about Argonaut's reasons for

entering and leaving the state so

than show its books to the State in-

To learn more about the workings:

posed 300 per cent rate increase rather worst condition."

sun, or about \$37,000,000.

surance Department.

Indeed, the testimony of Lawrence that he would call other members of pointed the patient.

New York Trial Lawyers Association. of Argonaut, Rep. Rogers indicated

state in 1974.

Arthritics, he said, "have the same need to be loved physically and emotionally as the rest of humanity."

"There is a temptation for the practitioner who is uncomfortable about phicts," Dr. Rogal said. More guidance is required, he emphasized.

He said only about one-fourth of nrthritis patients have physical incapa-Research: cities severe enough to rule out sexual acts completely. The others should be public advised as to how they can perform satisfactorily despite their handicaps.

Patients with sex problems often question their value as mates, mothers, fathers, brendwinners, and homemakers," he continued. "Young people are especially vulnerable. They start to wonder whether anybody ever will love them the way they are."

told the committee, "We have to do

tests and x-rays that doctors are per-

lorming to defend themselves from pa-

might fail."
In addition, Dr. Robert Hicks, testi-

fying for the New York State Medical

The majority of such claims, he

added, are not based on negligence,

but on a poor result or technical dif-

ficulty from a procedure that disap-

House Witnesses Clash on Federal Role in Malpractice Crisis

Medical Tribune C. Baker, newly appointed president of the Teledyne Financial Corporation, CHRIS WOODHURY, Ph.D.

General Mauager

HARRY HENBORSON RICHARD QUENER, M.D.

Editor-tu-Cidef Assorting Editor California conglomerate that owns the some 30,000 New York doctors, was company to testify at a later date. In his testimony carlier in the day, Dr. Ivan L. Bennett, President of the

R. S. GRIMSHAW, JR. Executive News Editor WILLIAM PRIFTIS NIKKI PROST ARTHUR M. SACKLIR, M.D.

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Society, pointed out the irony of the 880 Third Avenue, New York, N.Y., 10022 situation: "It lan't the uneducated or Telephone: 421-4000
Circulation audited by Business Publications Andle of Circulation, tye. elderly physician that suffers most from malpractice claims," he sald, "but the highly exposed, outstanding spe-





Beremeter A: Problems and current concepts 1. home-statement of obesity, Scientific Exhibit grational statement of obesity, Scientific Exhibit grations of the New York State Accoming of Family broadcars, 25th Annual Scientific Convention, Statement and American Scientific Convention, Statement of Property of the Control of the Statement of the

29a Ct set Conventor. Annual Set 1972.

16 Including the Recognosis obesity, as e short to be severed to defunct in a sew evento, and uncertainty to the severed to the severed to the second to the s

within 1d days following, administration of memoranine outdoes inhibitors (hypertan-war crisis may result to many anorectic districtions of the many anorectic distriction of the many anorectic distriction.

suent intervals and initiating pressor there by with e low united dose end cereful thretten.

They graph continues in Marindel shares important the state of the

reduction progrem.
Usege in Pregnancy: In rets and rabbits so increase in neonstat mortality and a possible increased incidence of rib anomaliss in the second of the seco rats were observed at raietively high doses

refs were observed at reachively high doses; Although these sudices have not indicated inportant solverse affects, the use of max-indel in pregnancy or in women who may include in pregnancy or in women who may be a supplied to the solution of the solution beautiful to well produced the solution to work the solution of the solution to the solution of the solution to the solution of the solution present of the solution of the solution produced the solution of the solution produced the solution produced the solution of the solution produced produce dovssculer disease inctuding arrhythmias Adverse, Reactions: Most commonly, dry mouth, techycerdia, constipation, nsrvous ness, end insomnia. Cardiovescular: Pal pitstion, tachycsrdia. Central Narvous System, Overstimulation, restlessnass distribute. s, insomnia, dysphorie, tremo , depression, drowsiness, weak trointestinal: Dryness of mouth unpleasent laste, dierrhea, constipation, nausee, other gaatrointastinel disturbances, Skin Rash, excessive sweating els minness. Endocriner Impotence a Changes In fibility bern statil been better them. anges in tibido hava raraly been ob-yed. Eyer Long-larm treatment with h doses in dogs resulted in soms cor-al opacities, reversible on cessation of

How Bupplied: Tablets, 1 mg and 2 mg, in Peckages of 100.

Rages of 100.
Ore prescribing or administaring, package circular for soribing information. BANDOZ PHÁRMACKÚTICALÚ, KART HAHOVER, H.J. 07836

Current Opinion Genetic Engineering'and the Role of the Public

Whot relations between biomedical scientists and the public should be concerning research was the focus of Dr. Smnley N. Cohea's recent testimony on "genetic engineering" before the Senate Subminutities on Health. Dr. Cohen, Associate Professor of Medicine of Stanford University Medical Center, was one of the medical scientists wito developed the procedure by which the hereditary characteristics of almost any kind of animal or plant cell could be introduced into bacteria, Because this issue-as well us the scientific work itself-has profound implications for medicine and physicious, Medical Tribuna is publishing a condensation of Dr. Cohen's testimony.

AT ASILOMAR MAETING, discussions of experimental safety were again carried out under full public scrutiny. One of every eight attendees at the conforence was a representative of the press; many reporters recorded the formal sessions of the meeting on tape, and in addition, spent the evenings at Asilomar asking the scientist participants relevant, pointed, and challenging questions with a journalistic intensity.

space exploration program to minimize the possibility of contamination of this

planet by extra-terrestrial microbes.

Such precedures have slso been em-

ployed to protect laboratory workers

and the public from hazards associated

and toxic chemicals, and with the study

of disease-causing bacteria and viruses.

The coacept of biological barriers,

which was formulated in some detail at

Asilomar, and which involves fastidi-

ous bacterisl hosts anable to survive in

. The concept of biological bar-

riers . . . will contribute significant ad-

ditional safety to gene manipulation

Model: Radiosotivity

The procedures developed for work

with radicactive materials provide n

useful model for other lypes of poten-

isolope use is subject to regulations

designed to ensure the safety of inbo-

raiory personnel and the general pub-

lle, and there is public involvement in

the enforcement of these safety pro-

cedures. However, the morit or lack of

ploy radioactive materials is entirely a

by the peer review system.

scientific judgment that is determined

ticular sxperiments.

Details of the mechanisms now be-

ing developed to mooitor potentially

blehazardous experimentation in the

area of bacterial and viral gene manip-

ulation have not yet been announced.

However, it has been proposed that the

extent of risk of experiments be de-

termined by the current peer review

process; the appropriate containment coaditions required for particular ex-

same mechanism. Furthermore, on-site

local biohazards committees would de-

termine whether the required safety

inspection of contsinment facilities by

Moreover, the public does not re-

Itally biohszardous experiments, radio-

experiments.

latioa sxperiments.

Also participating actively in the long been used in the United States discussions and decisions of Asilomar wera representatives of the National cience Foundation and the National Institutes of Health, as well as invited non-scientists from the fields of law and ethics. Pollowing the Asilomar conference, a public meeting of the with the use of radioactive materials newly appointed NIH Advisory Comnittee on Recombinant DNA Mnlecules was again attended by representatives of the national press, and at that session, formal action was taken to add a permanent non-scientist member tn he scientific group advising the federal government in this nrea.

Consensus on tesues

There was a general consensus among the participants at Asilomar on three major issues.

1) Genetic manipulation of bacspecified hosts, will contribute signifi-cant additional safety to gene maniputeris and viruses offers the prospect for solution of a wide variety of important edentific and medical problems, as well as other problems that plugue snelety-such as environmental pullution, and food and energy shortages.

2) The parlicipants agreed that accidental dissemination of certain kinds of genetically altered bacteria and viruses may pose vnrying degrees of potential risk. Thus, the scientists proposed a series of safeguards, principally blological and physical barriers, adequate to allow most experiments to be undertaken with minimal risk to laberatory workers, to the public at merit of specific experimeots that emlarge, and to the animal and plant specles sharing our ecosystems.

3) The participants at the conference concluded that there are certain experiments in which the potential risks are of such a serious nature that they ought not be done with the pres-

. . . participants . . . concluded that there are certain experiments in which the potantial risks are of such a serious nature that they ought not to be done with the presently available containment facilities . . ."

eotly available containment facilities. This determination was based simply on a judgment of potential risk; it did not involve decisions about the scleoments about their usefulness. It was periments would be specified by the agreed that standards of protection should be greater at the beginning and should be modified as the assessment of risk changes,

precautions are being implemented Physical containment barriers have

properly. Under such conditions of containment, atudies designed to sasess more accurately the actual extent of risk for various types of experiments could be undertaken with relative safety. Public involvement in the process

... I do not believe it is in the public interest to insist that a scholarly search for fundamental knowledge be justified in terms of immediate public benefits . . ."

would occur by the currently available mechanisms of nonscientist participation on the national Councils concerned with the funding of scientific research. In addition, the local committees assigned to inspect the safety procedures employed by individual scientists could also include publicly-appointed non-scientist members; however, a professionally-trained equivalent of the radiation safety officer might be preferable. Such procedures are desirable, adequate, and appropriate to ensure public esfety in this area of research.

Defining Public Interest

Clearly, it is the public's prerogative to specify the extent of its resources that are to be devoted to the support of besic scientific research, and in fact the public exercises this prerogstive through legislative bodies. Certainly, it is the public's right to be assured that scientific experiments are carried out safely. It is also the public's right and responsibility to determine directly through various mechanisms how knowledge acquired through basic scistarsi cavironments and equally fasentific research is to be applied within tidious vehicles able to grow only ha the public domain.

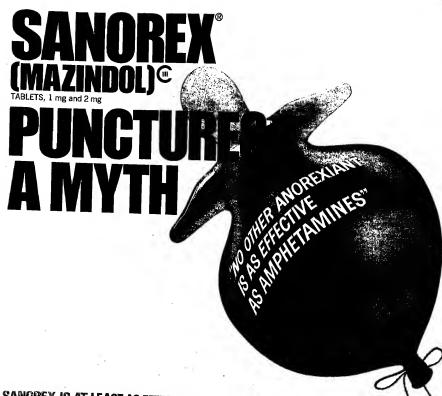
While the public also has the right and the means to make primary decisions about the merit of baele scientific research that it supports, I believs that the goals of society as a whole are best served by delegating this responsibility to the present system of scientific peer review. Moreover, I de not be-

". . . It would be contrary to the public interest if the initiative of the scientific community in raising issues of experintental safety should lead to a decision by the public to direct the scientific course of such investigations,"

lieva it is in the pubic interest to insist that a scholarly search for fundamental knowledge be justified in terms of immediata public benefits-or to require quire that a scientist seeking to use radioactive materials in the search for that basic scientific research become an instrument for the pursuit of shortbasic scientific knowledge justify the range political, ceonomie or social. ase of this experimental tool in terms of the public benefits to be obtained

Accelerating Scientific Pece

The pool of bacterial and viral hereditary material on this planet is in a state of constant evolutionary flux, and the activities of modern society have accelerated the psce of oatural geactic change. In recent years, naturally occurring antiblotic resistant bacteria bave appeared with increasing frequency in response to the widespread clinical use of these drugs. Bacteria and viruses of increasing natural virulence continue to threaten the health of the public. I know of no way to halt these events, but there are means of Continued on page 16



SANOREX IS AT LEAST AS EFFECTIVE AS d-AMPHETAMINE

These double-blind studies1-3 show that not only is Sanorex (1 mg t.l.d.) considerably more effective than placebo in helping patients achieva weight loss but in these studies Senorex has equalled or surpassed d-amphetamine (5 mg t.l.d.) in clinical efficacy. (Copies of these three studies are available Study I1

Sanorex (14 patients) d-amphetamine (14 patients piecebo (12 petients Mean Cumulative Waight Lost by End of Week 12 (ib) Study II2 Sanorex (18 patients) d-amphetamine (20 patient placebo (21 patients) Sludy III^a

Mean Cumulative Waight Lost by End of Week 6 (lb)

Sanorex (30 patients) d-amphatamine (32 patiants

placabo (31 patients)

Avarage Cumulative Weight Lost by End of Week 12 (lb)

SANOREX IS THE ONLY PRESCRIPTION ANOREXIANT NOT CHEMICALLY RELATED TO THE AMPHETAMINES

Although the pharmacologic activity of Sanorex and thet of emphetamines are similar in many ways (including centrel nervous system stimulation in humans and animais, as well es production of stereotyped behavior in animais); animal experiments mais); animal experiments elso suggest thet there ere differences.*

Different Chemical Structure

Sanorex is chemically unrelated to d-amphetamine—or eny other "nonemphetamine" anorexiant evalleble—and cennot be converted into an amphetamine-like substance in a biologic system.

Different Neurochemical Action*

Animal studies suggest that Sanorex, unlike d-amphetamine, does not interfere with norepinephrine synthesis.

In animal studies, d-amphetamine (like food) activates efferent neurons leading to appetite centers in the hypothelemus. Resulting release of nor epinephrine activates the receptor neurons. Unlike food, however, d-amphetemina also supported the receptor neurons. Unlike food, however, d-amphetemina also supported the receptor neurons. emine also suppresses noreplinephrine synthesis. Thus, increesingly larger doses of d-amphetamine become necessary to produce en effect.

Action or sanorex*
After Intake of food stimulates the release of norepinephrine from afterent neurons. Sanorex but attended to the release of norepinephrine from afterent neurons. neurons, Sanorex blocks its re-uptake without disturbing normal synthesis and release,

Simplicity and Flexibility of Dosage
Simple ona-day dosage is facilitated by 2-mg tablets (taken one hour before lunch). New flexibility (for the patient in whom 1 mg t.l.d. is preferred) is now facilitated by new 1-mg tablets (taken one hour before meals). *The significance of these differences for humans is uncertain...

For Brief Summary, please see facing page,

ROME-Italy's long-plagued hospital system is suffering additional financial and clinical setbacks as drug companies, hospital suppliers, and bio-medical groups refuse to meet urgent demands for items ranging from heart valves to Oxygen for incubators

Despite allocation of emergency government funds to assist Italy's 1.300 financially strapped public hospitals, doctors and hospital administrators often must dig into their own pockets to satisfy suppliers who demand immediate payment.

Recently at Rome's 'Umberto Primo" polyclinic Pediatries and Obstetrics Division 30 premature infants nearly ran out of oxygen for their iacubators. Repeated urgent requests to the supplier were rejected because of past debts running into thousanda of dollars. Two thousand liters of oxygen were delivered only when the hospital's sccretary signed a personal check for \$1,500.

Purchase Comptaints

Dr. Gaetano Azzolina, a cardiologist at Massa Carrara Hospital, complained that he has occasionally had to buy heart valves for operations on a personal basis because the supply houses have refused to furnish them in the face of cnormous past debts.

Dr. Azzolina, who has in the past denounced Italy's hospital system, said that in addition to lacking heart valves, many hospitals are short of electrocoagulators and hemodialysis filters, and even gauze, bandagea, and x-ray

"The sick funds, with their mad organizational structures, are the cause of this rot," Dr. Azzolina said.

He noted that the hospitals are owed about \$6.5 billion by Italy's sick funds, headed by I.N.A.M., which insures about 70 per cent of the population. But because of a lack of payment, the hospitals are often forced to turn to banks for cash at high Interest rates.

"Now the hanks have no additions funds to give to the hospitals; if the hospitals were normal businesses they would bave to declare bankrupcy de spite enormous credits." Dr. Azzolina

Debts Go Unsettled

A spokesman for A.S.T.R.U., an association of 140 blo-medical and surgery supply companies, said that the hospitals owe about \$400 million for past services. Despite constant pressure on both the hospitals and the government, none of the debts have been

An emergency act by the Italian government in January authorized about \$3 billion in bank credits to pay off the accrued debt. However, slow government machinery and n reluctance on the part of banks to underwrite the credits have further delayed the urgently needed cash flow.

"If it has not failed yet, the Italian hospital is nevertheless completely discredited, both with the banks and the

supply houses," Dr. Azzolina noted. Drug wholesalers have also declared a "state of agitation" towards the hospitals. With debts of millions of dollars

they have threatened to cut off supplies tu both hospitals and pharmacies until

Vincenzo La Russa, president of the Regina Elena Hospital of Milan, said that much of the situation is caused by paor government control, length of na tient hospital stay and lack of hospital

Mr. La Russa said that in 1972 alane, I.N.A.M. spent about \$4.7 billion for 36 million insured personsmore than the United Kingdom spent for all of its insured national program with 50 million people.

"The average Italian hospital stay per person is 16.5 days, reaching a time length unknown to all other Western European countries," he said.

Despite this over-stay in hospitals, in Milnn alone there are only 13,500 beds in public hospitals and 3,200 in private hospitals. With a population of over two million, Milan shauld have 21,000 hospitals beds, he noted.

Misuse of Beds Citos

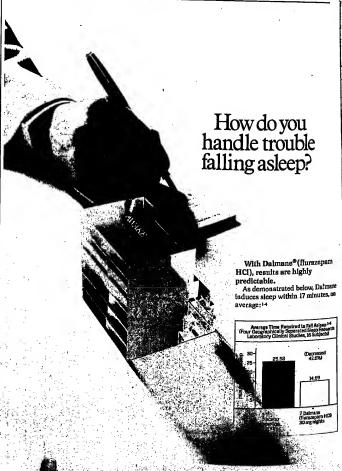
Bad management and poor usage uf available space misuses 4,500 existing hospital beds, he added.

Problems plaguing Milanese hospitals, where for example at the 271-bed Sesto San Giovaani Hospital only 23 patients are admitted each day and dozens of other patients are turned away or placed on a waiting list, are found throughout Italy. In one extreme case, a patient earmarked for surgery at seen by local government,

a hospital in Palermo had to bring a

bed from home before being admitted Lack of eash on hand does not only affect the public hospital system's activities with drug contpanies and medical supply houses. Green grocers, milk companies and bakers have also complained of lack of payment.

While the situation is reaching a critical point, the Italian government headed by Premier Aldo Moro is struggling to put through a sanitation reform program. A first step towards an overhund of the present health systemwhich dates to the end of the 19th century-wus taken earlier this year with ereation of a regional financial control approach for the public hospitals. Under the program, national funds are distributed by region, based on popula tiun and need, and are directly over-



Director-General Points WHO Toward a Pragmatic Course

Wednesday, July 23, 1975

GENEVA-World Health Organization strategies are likely to be less traditional and more pragmatic, Dr. Halfdan Mahler, director-general, made clear to the World Health Assembly.

In what looked like a veiled criticism of his predecessor, Dr. Mnreellino Canday, he said that W.H.O. planning since the war has been based on "unselective" transfer of technologies from the more technically developed to the poorer countries.

This model of health development has proved difficult to apply and even productive he declared.

Dr. Mahler said that conventional

And for those with trouble ataying asleep or sleeping long enough...

...sleep research laboratory clinical studies prove: Dalmane decreases number of nighttime awakenings and increases total

Dalmane (flurazepam HCl) is relatively safe, seldom

causes morning "hang-over" Dalmane is generally well tolerated. The usual adult dose of 30 mg should initially be lowered to 15 mg for the elderly and debilitated, to help preclude oversedation, dizziness or ataxin. Appraisal of possible risks is suggested before prescribing.

L Karacan I, Williams RL, Smith JR: The sleep loboratory in the investigation of sleep and sleep disturbances. Scientific exhibit at the 124th annual meeting of the American Psychiatric Association, Washington DC, Moy 3-7, 1971 2. Frost JD Jr: A system for unmanti-cally enalyzing sleep. Scientific exhibit at the 24th annual Clinical Convention of the American Medical Association, Boston, Nov 29-Dec 2, 1970; and at the 42nd annual acientific meeting of the Aerospace Medical Association, Houston, Apr 26-29.

3. Vogel GW: Data on file, Medical Department, Hoffmann-La Roche Inc., Nutley NJ 4. Dement WC: Data on file, Medical Department, Hollmann-La Roche inc.

5. Data on file, Medical Department, Hoffmann-La Roche Inc., Nutley NJ

Before prescribing Dalmane (flurazepa m HCl), please consult complete product information, a summary of which follows: miormation, a summary of which follows: Indications Effective In all types of insommla characterized by difficulty in falling asleep, frequent nocturnal awakenings and/or early worning awakening. In patients with recurring insomatio are poor aleeping tholists; and in acute or chronic medical situations returning restful aleep. Since in sormia is often extrained and intermitteen, prolonged administration is

world, and that there has been ton much emphasis on seientific necuracy

and increasing the number of heneliciof what is already known?"

medical wisdom," he said, "tends to prevent that individual and community participation without which health often becomes a technological mockery."



medical wisdom has been propagated as the only wisdom throughout the and technical proficiency.
"Is it wise," he asked, "to devote so

much effort to what is often unly a trivial deepening of technical knowledge rather than to widening the range aries through the practical application

"The very sophistication of today's

Contraindigations: Known hypersensitivity to flurazepam HCL. Warnings: Cnution patients about possible combined effects with alcohol and other

combined effects with alcohol und other CNS depressants. Caution ngains hazardous occupations requiring complete menual alertness (e.g., operating machinery, driving). Use in women who mee may become grogant unly when potential beactifs have been weighted against possible hazards. Not recommended for use in persons under 15 years of uge. Though physicani and psychological dependence have not been reported on recommended doses, use canulan in administering in addiction-prome tuludibutus or shose who might horeuse dosego. Precautions: In elderly and debilitated, initial dosage should be limited to 15 mg to preclude

oversedation, dizziness and/nr ataxia. If combined with other drugs having hypnotic or CNS-depressant effects, consider potentia additive effects. Employ usual precautions nations who are severely depr with Intent depression or suicidal tendencies.
Periodic blood counts and liver and kidney function tests are advised during repeated thempy. Observe usual precrutions in presence of impaired renal or hepatic function Adverse Reactions: Dizziness, drowsiness, lighthendedness, staggering, maximud falling have occurred, particularly in elderly

or debilitated patients. Severe sedotion or debilisted patients. Severe sectotion, tethangy, disorientation and coma, probably indicative of drug intolerance or overdosage, have been reported. Also reparted were headach, hearburn, upset stomach, nausea, vomiting, disorbea, constipstion. Gi pain, proposed proposed proposed proposed intribubility, weakness, palptations, chest initiability, weakness, palpitations, che-pains, body and joint pains and GU complaints. There have also been rare companies incre have also been rare occurrences af leukopenia, granulocyto-peria, sweating, flushes, difficulty in locusing, blurred vision, burning eyes, lainness, hypotension, shortness of breath, pruritus, skin nash, dry mouth, blitter taste, prunus, skin raan, ary mouth, bitter taste excessive salivation, anorexia, euphoria, depressian, slurred speech, confusion, restlessness, haltueinations, and elevated SCOT, SCPT, tatal and direct bittrubins and alkaline phosphatase. Paradoxical reactions, e.g., excitement, stimulation and hyperactivity, have also been reported in

Dosage Individualize for maximum beneficini effect. Adults: 30 mg usual dosage; 15 mg may suffice in some patients. Elderly or debilitated patients: 15 mg initially until

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. . . brief summaries of editorials or comments in current medical and scientific lournals.

No Teratogenic Effect

"In a follow-up study of 50,282 pregnancies . . . and the offspring, malformations identified before the first birthday, or at death before the fourth birthday, were identified in 3248 chil-dren (6.5 per cent). A total of 1870 children exposed in utero to meprobamate or chlordiazepoxide were com-pared with 48,412 children who were not. No significant differences were found either overall or in specific outcomes; rates were also similar when exposures occurred during the first trimester or at other times during preg-nancy. Deaths (stillbirth to the fourth birthday) occurred in 2227 children (4.4 per cent), and there was no evidence that antenatol exposure to either drug increased the death rate. Finally, as judged by mental and motor scores at the age of eight months, and intelligence quotient scores at four years, there was no evidence that the drugs cause brain damage.

"In this follow-up study there was no evidence that either meprobamate or chlordiazepoxide, taken at any time during pregnancy, is teratogenic. This observation applied to malformations in general, to malformations that from embryological considerations could only develop in the first trimester, and to defects that could develop either early or late during gestation. Cardiac malformations, in particular, were not associated with early exposure. . . .

"In addition to being unable to confirm a teratogenic effect, we found no evidence that the drugs are related to stillbirth or neonatal, infaat or childhood mortality. . .

"Our findings differ from those reported by Milkovich and van den Berg (N. Engl. J. M. 291:1268, 1974) . . . Perhaps the most important difference between the two studies was that we controlled the analyses for potential confounding by a wide variety of risk-factors for having a malformed child. The comparison groups analyzed by Milkovich and van den Berg consisted of mothers who had documented anxiety. Potential confounding from factora other than anxiety was not controlled. If the relevant factors had been controlled, it is possible that they could have eliminated the associations. An alternative possibility is that the associations reported by Milkovich and van den Berg could have been due to chance. (Article, Smart C. Hartz, et al., N. Engl. J. M. 292:726, April 3, 1975)

Pancreas Center at LSU

Madical Tribune Report

New Orleans-The first national center for the study of cancer of the pan-creas is being established here at the Lonisiana State University Medical Center, it was announced by Dr. Allen
A. Copping, Medical Center chan-cellor, it will be funded by the National Cancer Institute, which has made a commitment of \$14,500,000 for the next five years.



By THOMAS BULGER
Special Telbune Corresponden

MONTREAL-New guidelines for the prevention and detection of tuberculosis, representing a significant departure from traditional practices, have been prepared by the American Thorocic Society's scientific assembly on tuberculosis

The new guidelines are, in general, more liberal than previous ones, proposing less isolation and follow-up of infected individuals who undergo an adequote course of chemotherapy, and generally limiting screening programs to those who are thought to be at special risk of infection.

"Twenty years of experience hos demonstrated that, given adequate chemotherapy, tuberculosis is a curable disease," Dr. John Sbarbaro, choirman of the scientific assembly on tuberculosis, told the International Conference on Lung Diseases here. He said that new guidelines are merely recognition of that fact, and are intended to bring about the most effective opplication of the resources available to fight tuberculosis, consistent with present knowledge, therapeutic capabilities, and prevalence rates.

4 General Areas of Concern

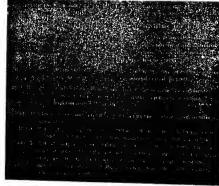
The recommendations encompass fnur general orens of concern: longterm institutional care, the discharge of patients from medical surveillance, screening programs for health care and educational institutions, and investigation of tuberculoais contacts. While the parent body, the American Thoracic Society, has not yet made the recommendations official, they are expected to do so within the next three months.

Highlights of the assembly's conclusions and recommendations follow: Long-term institutional cure.

Since it has been well established that tuberculosis potients receiving adequate chemotherapy are most unlikely to transmit infection, they should be treated in the mainstream of medical care, the assembly said. A small number of patients will require long-term care, usually for reasons unrelated to their tuberculosis, but this can be accomplished safely and efficiently in the long-term care facilities presently in use for patients with other medical or social conditions, Some states have laws restricting tuberculosla patients from these facilities, thereby requiring the maintenance of senarate chronic care institutions for this disease, but such restrictions are not justified, according to the assembly.

"In the era of modern chemotherapy, tuberculosis should be treated in whatever setting most appropriately meeta the needs of the patient and the community. Some patients can be treated entirely at home. Others may require a short period of hospitalization in a general hospital, followed by ambulatory care. Still others may require longer-term care in an Institution. mainly because of other medical and social problems.

"But the fact of tuberculosis should not be the primary determinant of tho locale of care, nor should it act as a constraint. . . . A separate, eategorical system for toberculosis oarc is



Discharge of patients from medical

Although frequent relapses are a striking feature of untreoted tuberculosis, making periodic evaluations of individuals with the disease important, the assembly said, the accumulated evidence now indicates that adequate therapy not only eradicates the bacilli originally, but makes relapse unlikely. Therefore, the long-term surveillance originally necessary is no longer so, and indeed, dilutes the anti-tuberculosis effort by straining limited resources. The funds are more fruitfully spent ensuring that the original therapy is adequate, the assembly concluded.

Surveillance never worked well anyway. Most relapses were detected when potients entered the standard medical care system with respiratory system complaints, or as incidental findings on physical examinations for other purposes. Prior to discharge from medical surveillance, treated individuals should be educated about the symptoms that might be associated with a relapse, and the importance of their prompt evalua-

tion by a physician, The table below (above, etc.) summarizes the present definitions of diagnostic categories for tuberculosis, adequate treatment and the new surveillance recommendations for each.

 Institutional screening programs.
 The assembly's statement of this subject redefines appropriate screening procedures for in-patients, out-patients, and employees in the general hospital, for extended care facilities, and for schools, kindergartens, nurseries and day care centers. The most significant change concerns the desirability of periodic screening programs for chil-

Several pediatric societies have recommended repeating skin testa every two years, but the assembly sald that this is a waste of resources; the yield for screening school-age children is gencrally too low to be practical-less than 05 per cent-as these groups are not at

at the earliest point at which he enters the health care system, and then should be reteated only when he is thought to be at risk of infection; for example, when he has symptoms consistent with tuberculosis, is known to have been exposed, or lives in an area in the community of unusually high risk.

The most important and efficient means of protecting children in not repeated testing, but the identification provision of chemotherapy to infected adults, the assembly said. Investigation of tuberculosis con-

The likelihood of transmission of the tubercle bacillus depends upon the characteristics of the individuol with tuberculosis (source case), of hia contacts, and of the environmental air

shared between them, Significant questions include: Source case: Is he receiving chemotherapy? Can tubercle bacilli be isolated from his sputum? Does he enugh, and especially, is he unable or unwill-

ing to cover his cough? Contact: What was the cumulative time of contact? At what physical proximity?

Environmental air: How large was the volume of air in common to the source case and contact? What were the circumstances of ventilation, recirculation, or filtration of the air?

Using the answers to these and similar questions, contacts may be assigned to cither low or high risk groups with reasonable accuracy. The assembly then recommends the following guldelines for limiting the extent of contact investigation:

 Evaluate all contacts who present themselves and request study; no one who presents himself in this manner can oppropriately be turned away.

 Initiate investigation with higher risk contacts; if there is no evidence among this group of recent transmission of infection, it is appropriate not to extend the investigation.

 If there are data to suggest recent contagion within the higher risk group, the investigation should be extended. To reasonably ensure that the inveatigation has identified the algnificant gnifloant riak.

Each child should have one skin tear
the earliest point at which he enters
lower risk contacts would be evaluated until the level of infection detected approximates the amblent levels of infec-

tion within that immedate community.



Clue to Dystrophy?

roundworm may give investigator clues to understanding muscula dystrophies, according to Stanford scientists. Normal niusele, above has protein filaments in regula parailel putterns. But the musele of certain mutant nematodes that have been paralyzed by early exposure t high temperatures has thin filament set at all angles, randomly.

Raw Salad Bacteria Seen Health Peril to Debilitated

NEW YORK-Opportunistic infections from Enterobacterinceae on raw salad vegetubles may pase a serious threat to debilitated persons, Donald T. Monsey told the 75th nnnuni meeting of the American Society for Microbiology.

Mr. Minisey, research microbiologist at the U.S. Army Natick Development Center, Massochusetts, isolated Proteus atorganii, Klebsieila pneumoniae, Enternbocter hufnine, E. ogglomerans, E. cloocne, Escherichia coli, and Citrobacter fram samples of large-scale feeding systems and local retail outlets.

The Natick team olso isoloted Pseudomonas aeruginosa, a special hazard to burn patients. "Healthy individuals should have no problems with any of these organisms," Mr. Munsey sald, though they ore often eaten with uncooked vegetables.

The study showed that aerobic plate counts and coliforms "had no particular association with the presence of pathogens," and that samples from large-scale feeding systems had greater concentrations of coliforms and fecal coliforms than those from local markets, Mr. Munscy reported no Salmonella organisms.

Coauthors were Gerald Silverman, Ph.D., and Barbara Boucber.

Ovarian Carcinoma Study

Madical Telhung Report

BETHESDA, MD.-Physicians have been asked to refer patients for controlled trials on the use of radiotherapy and chemotherapy following surgery for ovarian carcinoma of all stages.

The study, conducted by the National Cancer Institute's Medicine Branch at the N.I.H. Clinical Center here, is designed to moximize the benefits of available treatment.

Postoperative patienta under 65 who have received no therapy other than surgery are eligible for the study.

Malpractice Rates Stiffening In Europe, Except in Britain

Wednesday, July 23, 1975

PARIS-Malpractice insurance rates in Europe are still low, by American standards, but they are beginning to rise. The rate structure in Grent Britnin represents a notable exception to the

The best bargain is offered by the Medical Defense Union, a prosperous mutual insurance society with 77,000 members in Britoin and many other parts of the world. The Union provides sky's-the-limit coverage for a flat rate of about \$50.

Rates are sharply higher in France, Germany, and Switzerland. In contrast to the British system, insurers on the continent have a sliding scale according to risk. For a cardiologist in Paris, unlimited cover costs about \$100. But for a physician in a high-risk eategory, like aurgery, aneathesiology, gynecology, or psychiatry, the premium goca up to about \$1,000.

Higher in Germany, Switzerland

In Gennony and Switzerland, where most medical insurance is on a stroight commercial basis, coverage is less gencross and premiums still higher. The amount of insurance is on a graded scale, averaging about \$500,000, and the premium for a physician in nn exposed category runs to about \$2,000.

The British society mointains an attitude of studied nonchalance about molpractice suits, which contrasts with the unconcealed anxiety about the future displayed by French and German in-

To some extent, the low U.K. tariff appears to reflect the legendary philegm of the British patient. But a M.D.U. spokesman, Dr. John Wall, also explained that the society adopts a policy that tends to keep it out of expensive

"If a claim is sound, we settle with-

this," Dr. Wall sald.

A further constraint on litigation is the fact that contingency fees are considered unethical by the British legal profession.

On the technical side, Dr. Wall pointed out that the British flat-rate system for all members, irrespective of degree of individual risk, also keeps insurance rates down.

"If you separate firemen from other types of driver, you invite a higher insurance premium, and the same goes for a surgeon or gynccologist compared to a general practitioner," he said. "We merge high and low riaks into a single rate."

At present, the M.D.U. handles about 350 claims n year and pays out on average about £500,000 annually (about \$1,100,000). Since this represents about one-third of the total lacome from subscriptions, there are ao financial problems.

But in the Montmartre district of Paris, where most French insurance campanies have offices-at the bottom of the hill away from the razzle-dazzle -physiciums and jurists have recently been holding urgent talks about the level of premiums

"At present, a French sargeon can get unlimited cover for around 3,000-4,000 francs, or about \$1,000," a okesman for one of the biggest mutuni societies, the picturesquely-named Le Sou Médical, explained. "That is less than it costs him to get third-party risk on his Ferrnri, but we are losing money on the deal."

Set up in the early 19th century, the society originally charged its members a rate of I sou II doy, which, at the then rote of 20 sous in the frune, warked out at 18 francs a year.

"Those happy days are gone, and now we are in a very different position,

Leg-Squeezing Device Said to Reduce Postoperative Thrombosis by 80%

PARIS-An 80 per cent reduction in the incidence of postoperative thrombosis has been achieved by use of a legsqueezing device during aurgery, a London bloengiaeer said here.

V. C. Roberta, Ph.D., of King's College Hospital Medical School, also told the 10th Congress of the European Society for Experimental Surgery that a 90 per cent reduction has been achieved in patients with mallgnant disease, who are particularly susceptible to thrombosis in the carly postoperative period.

Dr. Roberts said that these results, comparable to those with systematic heparin administration, have not been associated with dangerous side effects.

He noted that 30 per cent of postoperative patients over the age of 40 show isotopic evidence of deep-veln thrombosis, 15 per cent abow clinical evidence, and 0.5 per cent experience pulmonary thrombosis.

The determination of an 80 per cent reduction in thrombosis, in a series of more than 200 patients, was by use of every 120 seconds,

I125 fibrinogen, and there was a comporable reduction in the clinical signs of thrombosis in the leg veins, Dr. Roberts reported. Whether this neces sarily means a comparable reduction in pulmonary thrombosis remains to be shown, he said,

"We assume from this, as well as from some evidence that when heparin reduces deep-vein thrombosis it also reduces pulmonary embolism, that there would be a comparable reduction in pulmonary embolism, but it would take a tremendous number of cases to demonstrate such a reduction," he said.

Dr. Roberts related that the squeezing device was developed following research showing that passive activation of the calf muscle during surgery could increase both the pulsatility and mean level of venous flow in the legs. He and a co-worker, Dr. L. T. Cotton, then developed pneumatic splints, or leggins, connected to a power source that uses compressed gases and ambient air to squeeze both legs simultaneously

the L.S.M. official said. "The physician in France is loung his sacrosanct image, and patients are much more aggressive about making legal claims. The French courts also take inflation into account, and so we are seeing a leap in the scale

nf damages awarded. Constraints of the type that operate in Britain also hold down the size of owards in France, but the judgments are nevertheless getting steadily bigger. "We saw a figure of 1,000,000 francs swarded for the first time two years ago," the official commented, "and now

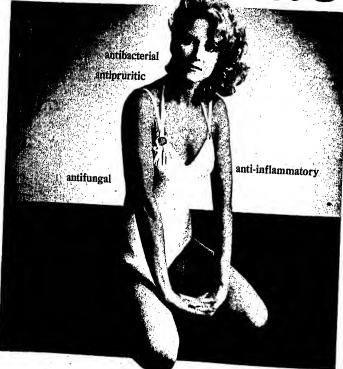
the awards are up to around 3,000,000 francs. Any day we expect to see the first judgment to top 4,000,000, which would be the equivalent of a \$1,000-000 nward in the United States."

To make the books balance, rates for the high-risk groups should now be doubled. This was explained by actuaries to the committee of physicians that runs Le Sou Médical. But even though such premiums are tax-deductible, the rates are not likely to shoot up so quickly, for psychological rea-

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It's plain to see that you need more than an ordinary topical steroid to clear a dermatitis infected with fungi or bacteria.

Vioform-Hydrocortisone, with its four-way action, provides the kind of comprehensive therapy many common dermatoses

*This drug has been evaluated as possibly effective to: these indications. See brief prescribing information.

Vioform-Hydrocortisone (iodochlorhydroxyquin and hydrocortisone)

Wednesday, July 23, 1975

The Only Independent Weekly Medical Newspaper in the U.S.

and Medical News

The Dangers of the Dalkon Shield... and the Responsible Actions of FDA

S EVENTEEN OEATHS and a significant the basis of facts and not hysterical morbidity with the Dalkon Shield headlines. is a serious matter. There is no need to sensationalize it further with an intimation that the F.D.A. was trying to suppress a Dalkon Shield report.

The mandate of the F.D.A. is defined by law; the scope of its responsibilities is great; the complexity of some of its decisions most difficult. Even though MEDICAL TRIBUNE has differed, disagreed and disputed many of their decisions, the top leadership of the F.D.A. has been, through several administrations, and is now in the hands of men whose personal integrity is beyond challenge. The F.D.A., charged with deciding whether or not a drug or device is safe and effective, must take into consideration all the potentials both for help and harm. It must disehurge its functions in a responsible manner, sensitive to feelings of patients, nlert to that they can advise their patients on ism.

In the past, Menical Trinung has felt that too little attention was paid to these all-important considerations with consequent and needless disruption of prophylaetic therapeutic regimens and physician-patient relationships, On this occasion the F.D.A. recommended ngainst new insertions of the Dalkon Shield and in consideration of patients total well being, arranged to inform physicians fully no the dangers of the Dalkon Shield. Furthermore, it presented its Dalkon Shield report in an open meeting and in a responsible manner; it did not suppress it. The F.D.A. thus acted to protect patients fullywithout the creation of punie, it would seem to us that when the F.D.A. takes judicious, considered and deliberatenot panie-inducing-regulatory netion, it should merit the praise of the press the dangers of panie, and cognizant of and not be subjected to misleading, if the need for informing physicians so not malicious, journalistic sensutinnal

Opinion of this and the preceding issue

of METICAL TRIBUNE, is of enormous

nomic or social goals.

investigations."

seeking knowledge in this area and it

other areas of basic science are carried

out safely, I believe that it would be

contrary in the public interest if the

initiative of the scientific community in

raising issues of experimental safety

should loud to a decision by the public

to direct the scientific course of such

It is the scientists who have pointed

out the hazards; who are, worldwide,

considering and introducing the meth-

ods to contain them; and who are best

Genetic Engineering

ONE OF THE remarkable examples of prospective concern by scientists about possible hazards implielt in their most advanced occomplishments, rather than retrospective dismay and disillusionment, has been the history of the developments eniminating in the Asilomar International Conference on Re-combinant DNA Molecules, Once it was discovered that DNA could be cleaved at specific sites with the use of certain enzymes and it became cleur that it would be passible to "unite DNA from animal viruses with bacterial DNA, or DNAs of different viral origins might be so joined," certain dangers were envisioned. These were, in short, that certain of the "hybrid molecules may prove hazardous to laboratory workers and the public."

Following a recommendation by molecular biologists late in 1973 that a "study program be instituted to consider the problem and to recommend specific actions or guidelines," steps were taken that wound up in the Asilomar conference. Dr. Stanley N. Cohen is one of the investigators whose accomplishments led to "the construction in a test tube of biologically functional DNA molecules that combined genetic information from two different sources." As an active participant in the Asilomar conference, Dr. Cohen's lestimony on genetic engineering before the Senate Subcommittee on fore the Senate Subcommittee on equipped to direct the scientific course Health, condensed in the Current of their investigations.

The Glucagon Relationship

CLINICAL QUOTE: "One cannot help Practical glucagon-suppressing drug ing; see page 1.)

might offer in the control of diabetic but be impressed with the potential hypergivernia," (Dr. R. H. Unger, therapequite efficiency that a safe and American Diabetes Association meet-



"Of course, this faith healer isn't for everyone. He specializes in diseases of the cardiovascular system.

LETTERS TO TRIBUNE

Your article on the state of New York City municipal hospitals described the chaos resulting from inadcuunte funding. A more accurate description would have included a statement of the 50 per cent bed vacancy that prevails in many city

SAUL B. GILSON, M.D.

The Care of Veterans

interest and pertinence.

He observed that while the public I am happy that Mr. S. M. Apple-"has the right and the means to make man, Director of Medin Liaison for the Remember Weismuller? primary decisions about the merit of Central V.A., took the time (MEDICAL scientille research that it sup-TRUIUNE, May 21) to reply to my ports, I helieve that the goals of society letter of March 5. However, 1 wish he as a whole are best served by delegating had read my letter more carefully, I spoke of the V.A.'s failure to provide this responsibility to the present system of scientific peer review. Morefor treatment of delayed post-combat over, I do not believe it is in the public stress reactions ("syndromes"), meaninterest to insist that a scholarly search ing precisely those beginning more than for fundamental knowledge he justltwo years after discharge, Moreover, lied in terms of immediate public bene-Mr. Appleman states that "any psychofits-or to require that basic scientific ses [sle] manifested within two years research become un instrument for the of discharge is presumed to be servicepursuit of short-range political, ecunconnected." My concern is with the non-psychotic men (always the vast Of equal importance is Dr. Cohen's majority) who first develop symptoms remark that "while it is essential for the more than two years after discharge, public to be assured that experiments

As for there being "no time limit for considering valid evidence of service connection," I know of veterans with impressive documentation who are spending all their free time trying to establish service-connection without success. That is a difficult, expensive route. Moreover, I also know of V.A. professionals in several centers who have learned-to their occupational detriment-that it does not pay to "make waves," i.e. to become too strongly identified as advocates of broader treatment criteria for Vietnam veterans with emotional problems.

In some centers the problem is being solved-not on grounds of scrvice-con-nection-but under a rule allowing outpatient therapy for any veteran if it can be shown that this will prevent hospitalizatium. Here again, some centers apply

stricter standards to validate that rule than do others.

I think this dislogue is of the utmost importance, not only for the millions of Victnam-era veterans, but for the future of bureaueratically-administered psychiatry in this country.

Dr. Santtel Johnson (not-su M.D.) once said "the road to hell is paved with good intentions."

CHAIM F. SHATAN, M.D., C.M. Postdoctoral Psychoanalytic Training Program New York University

In response to the piece "Athletes Advised to Develop Agillty in Dodging Doctors" (MT June 11), I remember Johnny Welsmuller -the great swintoff swimming back in the twenties, I believe, beenuse of termed an "athletic heart."

I wonder if doctors then were treating the ECG rather than the patient?

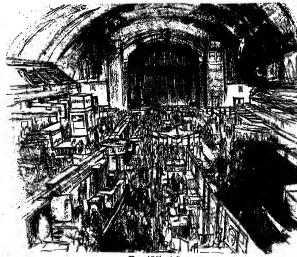
GEORGE GRAINGER, D.O.

Insurance Suggestion Re malpraetice insurance. Why not

shift to the type of ad hac insurance sold at airports and bus stations?

Let the patient figure what he's worth or can afford if he's unhappy with the results of his Blue Cross-paid care; let the insurance actuaries figure outchances of defined poor results per modality or procedure, by hospital and physician, and then let each patient pay his premium-and collect if warranted. Gets rid of lawyers, puts the patient on the spot, and lets him fight the insurance companies, not doctors. GEORGE BROWNING, M.D.





DA LIBBY DENGROVE, the wife of a long spirit, Dr. Edward Dengrove, is the tallented arise function for eyes millions of television viewers across the nation falsos, a speceding during the Mittenlet-Stans trial in New York lies agreed on NBC-TV as her pastel sketches illustrated what was generating on the Today show and evening anowapous, a "genomiality," Mrs. Dengrove called drawing for the entry to the the found it "utterrly funtantie" and the most exist, or set done it will be a set of the set of th

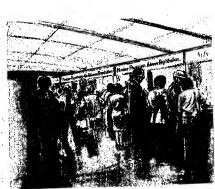








Witig (left) of Gainesville, Fla., and Sanford Chodosines, Dr. Stephen Lockey (lower left) of Lancaster, Pa.





LIBRIUM AT WORK: (chlordiazepoxide HCl)

NTHE ANXIOUS PATIENT WITH ORGANIC CARDIOVASCULAR DISEASE

B.W.: A CASE IN POINT*

PATIENT: 51-year-old male, Caucasian; married; one son, 12 years old; occupation: sales manager.

FAMILY HISTORY: Father hypertensive; cause of death, possible MI; grandmother diabetic.

PAST HISTORY: Prior to current illness exercised regularly, tennis 2-3x/week; smokes heavily (over 2 packs/day). Remainder of medical history noncontributory. States he enjoyed good health in past—no known history of hypertensive, cardiovascular or pulmonary disease.

RECENT HISTORY: Hospitalized eight weeks previously with diagnosed acute MI.

CLINICAL COURSE: Uneventful recovery; discharged 26 days following hospital admission. Four weeks of gradually increasing activity at home. Complete evaluation scheduled prior to returning to work.

current Findings: About 15 lbs overweight; admits to high fat and carbohydrate intake. Upon examination, the patient was apprehensive; markedly reactive to all somatic sensations. Concern expressed about transient headaches being "stroke" symptoms. Physical examination normal. EKG showed normal sinus rhythm with typical evolution of abnormalities consistent with healing of the infarct.

MEDICAL MANAGEMENT: In addition to medical regimen, Librium 10 mg t.i.d.; continued for 2 months to relieve anxiety.

COMMENTS: Despite excellent response to medical regimen and objective evidence of full recovery, return to full normal activity inhibited by patient's excessive anxiety. Antianxiety medication reduced this to manageable levels.

*Date on file, Medical Department, Hoffmann-La Roche Inc., Nutley, New Jersey, Although this is an actual case history, not all cases of organic cardiovascular disease can be expected to have the same response to thereny.

WHEN CLINICAL ANXIETY WACERBATES AN ORGANIC DISORDER

often be allayed through your reassurance and supanten be allayed through your reassurance and suptineding and his family's encouragement and suptines of the superior of the superior of the supanter the with progress. When this occurs, Librium the dazepoxide HCl) may be a beneficial adjunct to the superior of the superior of

Librium offers a high degree of antianxiety fectiveness and is used as an adjunct to primary adovascular medications. It also provides a wide in of safety. In proper dosage, Librium usually descalm the overanxious patient without unduly defening with mental acuity or general performance. It will be a limited to the smallest effectors age, particularly in the elderly and debilitated then, to preclude development of ataxia or oversition. And Librium therapy should be discontinued anxiety has been reduced to tolerable levels.

Librium is used concomitantly with certain sections of other classes of drugs, such as cardiac testes, diuretics, antihypertensive agents, vasous and anticoagulants. While rare reports of table effects on blood coagulation in patients received anticoagulants and Librium have been noted, thick is tudies have not established a cause and the telationship.

WHEN CLINICAL ANXIETY INTERFERES
ITH THERAPEUTIC PROGRESS

LIBRIUM

Plordiazepoxide HCI/Roche

5 mg, 10 mg, 25 mg capsules FOR ALLTHE RIGHT REASONS Before prescribing, please consult complete product information, a summary of which follows:

Indications: Relief of anxiety and tension occurring alone or accompanying various disease states.

Contraindications: Patients with known hypersensitivity to the drug.

Warningsi Caution patients a bout possible combined effects with alcohol and other CNS depressants. As with all CNS-acting drugs, caution patients agains hazardous occupations requiring complete mental alertness (e.g., operating machinery, driving). Though physical and psychological dependence have rarely been reported on recommended doses, use caution in administering to addiction-prone individuals or those who might increase dosage; withdrawal symptoms (including convulsions), following discontinuation of the drug and similar to those seen with barbiturates, have been reported. Use of any drug in pregnancy, lactation or in women of child-bearing age requires that its potential benefits be weighed against its possible lavagede.

Precautions: In the elderly and debilitated, and in children over six, limit to smallest effective dosage (initially 10 mg or less per day) to preclude attak or oversedation, increasing gradually as needed and tolerated. Not recommended in children under six. Though generally not recommended if frombination therapy with other psychotropics seems indicated, carefully consider individual pharmacologic effects, particularly in use of potentiating drugs such as MAO inhibitors and phenothiazines. Observe usual prescutions in presence of impaired renal or hepatic function. Paradoxical reactions (e.g., excitement, stimulation and acute rage) have been reported in psychatric patients, and hyperactive aggressive children. Employ usual precautions in treatment of anxiety states with evidence of impending depression; suicidal tendencies may be present and protective measures excessary. Variable effects on blood cosgulation have been reported very rarely in patients receiving the drug and oral anticongulants; causal relationship has not been established dinically.

Adverse Reactions: Drowsiness, ataxia and confusion may occur, especially in the elderly and debilitated. These are reversible in most instances by pniper dosage adjustment, but are also occasionally observed at the lower dosage ranges. In a few instances syncope has been reported. Also encountered are isolated instances of skin eruptions, edema, minor menstrual irregularities, nausea and constipation, extrapyramidal symptoms, increased and electrased libido—all infrequent and generally controlled with dosage reduction; changes in EEO patterns (low-voltage fast activity) may appear during and after treatment; blood dyscrasias (including agranulocytosis), jaundice and hepatic dysfunction have been reported occasionally, making periodic blood counts and liver function tests advisable during protrected therapy.

Supplied: Librium Capsules containing 5 mg, 10 mg or 25 mg chlordiazepoxide HCl. Libriabs Tablets containing 5 mg, 10 mg or 25 mg

ROCHE Process Process



Moderate Position on PSROs **Prevails at AMA Convention**

Continued from page 1

constitutional. At the A.M.A. meeting not psy off." Local peer review, he deseveral delegates, among them Dr. Michael Smith, President, Louisiana State Medical Society, hailed the ruling as a turning point in the fight against governmental interference in medical practice, and an indication that the time was ripe for P.S.R.O. repeal.

However, Dr. Russell Roth, past president of the A.M.A., said that the injunction might be reversed on appeal. And he warned that if P.S.R.O. were killed, another federal law would "inevitably" take its place, which "could a realistic alternative at this point." Inbe even worse than the one we have to

Nevertheless, a good deal of discussion could be heard in the enridors of the convention, if not on the House of Delegates floor, expressing hopeful speculation that the Hoffman ruling might lead to a Supreme Court decision on a pending suit of the American College of Surgeons against H.E.W., that would find P.S.R.O. unconstitutional in its entirety.

well-known funding woes of P.S.R.O., ment, the suit over the utilization-reand wondered whether the plan might not soon die a quiet death from fiscal be even more aggressive. But our effec- guarantee local autonomy, they made a other third parties.

Official Polloy About the Same

In the meantime, official A.M.A. policy and recommendations, as ap- Continued from page 1 proved by voting on resolutions, stayed pretty much the same as before.

A number of resolutions introduced by Dr. Frank A. Rogers of California and supported by delegates from Louisiana nnd Oklahoma, that would have had the A.M.A. mount a campaign for the repeal of P.S.R.O. and advise doctors not to comply with existing programs, were turned back by comfortable margins.



Continued from page 5

understanding the processes which cause them, and of learning to deal with their consequences.

The scientific methodology I have discussed here today promises to further such a basic understanding of genetics in ways that have not been possible previously. It also provides the prospect of constructing specificallydesigned microbes able to produce a wide variety of acientifically and medically important substances.

While it is essential for the public to be assured that experiments seeking knowledge in this area and in other areas of basic science are carried out safely, I believe that it would be contrary to the public interest if the initiative of the acientific commanity in raising issues of experimental safety should lead to a decision by the public to direct the scientific course of such

In arguing for his resolutions, Dr. activities, on grounds that it was un- Rogers said that "delaying tactics will clared, "is just a temporary expedient. We should all know by now that once P.S.R.O.s are in place, peer utilization boards will simply be pre-empted, and local regulation will be supplanted by federal regulation."

But most delegates seemed to agree with the report of the A.M.A. special reference committee, chaired by Dr. George H. Mills of Hawaii and assigned to hear testimony on the P.S.R.O. mstter, that "repeal does not present stead the committee recommended a 'policy statement" reaffirming last yesr's stand-which, it was emphasized, "does not preclude individual state associations from electing non-participatlon." This statement was passed.

Its pragmatic nature was noted by Dr. Max H. Parrott, newly-installed A.M.A. president, in his inaugural ad-

"The A.M.A. has become more aggressive of late, as instanced by our Some delegates also mentioned the first lawsuit against the federal governview regulations," he said, "We need to and lobby for smendments that would



Opening session of the A.M.A. House of Delegates

tiveness depends not only on the will to act, but on the capacity to act."

Complete non-cooperation with P.S.R.O. at this time would be politically unwise, possibly illegal, and cer-tainly contrary to the A.M.A.'s "humanistic belief in the individual patient and his quality of care," Dr. Par-

While delegates voted to counsel physicians to continue abiding by

distinction between voluntary peer review, which is nearly universal, and mandatory procedures, which are in actual operation in less than half of the areas of the nation designated by H.E.W

The House overwhelmingly supported a resolution that called for phy-sicians to serve on voluntary boards of their own ereation without pay, but to require "compensation when providion their time and expertise" to review boards involving the government or

Up to 3,100,000 Estimated to Suffer Ankylosing Spondylitis

These admittedly "rather extraordinary statements" were made to the American Rheumntism Asociation Section of The Arthritis Foundation by Drs. Andrei Calin and James F. Fries. They said important benefits would follow increased awareness and screeniag because AS symptoms respond readily to relatively-ssfe, non-steroidal antl-inflammatory agents.

Their finds grew out of an investigation made in an effort to establish the cent) and 6 males (20 per cent) had actual prevalence of AS among the 7 per cent of the Caucasian population of the United States having the histo-compatibility antigen HLA-W27.

Twenty-four bundred healthy blood donors were examined in the Stanford study. Among these Drs. Calln and Fries found 120 with the W27 marker. They were matched by race, sex and age with 190 controls who are W27 negative. Seventy-eight positive subjects cooperated, as did 126 controls.

History of Back Pain

Twenty-two (28.2 per cent) of the positives reported a history of back pain, compared with 11 (8.7 per cent) of the controls. Of the 22 with W27, 59 per cent had sleep disturbances, 82 per cent morning stiffness and 73 per cent relief with exercise-symptoms of

None of the controls with back pain had any of these aymptoms, and their back pain was diagnosed as mechanical, rather than inflammatory as in the

Rather than subject the asymptomatic controls to x-ray, the Stanford physicians randomly selected 36 control films from patients who had under-

gone radiological investigation such as per cent of the population," Drs. Calia barium studies and pyelograms. These and Fries suggested. films were reviewed blindly along with the films of 19 W27 subjects with back may think their AS symptoms are meapain. Fourteen of the W27 group were strunl cramps. He noted that the disfound to have definite AS by the New York criteria for radiological changes. Not one of the controls met the criteria.

Of the 78 cooperating W27 subjects, 27 per cent of the females and 30 per cent of the males had back pain. In the radiological test, 8 females (16.7 per

A5 in 20% of W27-Positive Men

Dr. Calin sald the expected prevalence of AS in the W27 positive community is 2 per cent for males and 0.2 per cent for females. "Instead," be continued, "20 per cent of our male subjects and 17 per cent of the women studied had definite and symptomatic AS. It is possible that these figures represent an underestimate. There were further subjects, symptomatic for back pain, with a history suggesting inflammatory disease, but unavailable for clinical or radiological investigation. Furthermore, the exclusion of individuals with known alkylosing spondylitis continues to underplay these re-

He cited other studies with conclusions which agrea with the Stanford suggestion that there is a prevalence of AS in the W27 community of 20 per cent-a figure 10 times the expected frequency in males and 80 times in

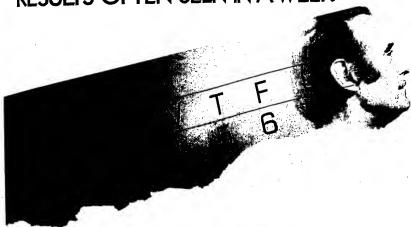
"If 20 per cent of W27 positive subjects have undiagnosed AS and W27 is present in 7 per cent of the population, then undlagnosed AS is present in 1.4.

Dr. Fries noted that many women ense tends to be milder in women, whose outside joints are more involved. A reluctance to subject women of childbearing age to radiation may result in the diagnosis being missed frequently,



MELLARIL (THIORIDAZINE)

IN CLINICALLY SIGNIFICANT DEPRESSIVE NEUROSIS— RESULTS OFTEN SEEN IN AWEEK



Mellarii can often help you give patients with depressive nou-rosis relief within a week, in 1.4 double-bilnd studies of four weeks duration, 399 patients with depressive neurosis received Mellarii, in these studies, 55% of the overall Improvement wesobserved by the end of the first week, and a total of 293 patients (86%) Improved during the four weeks.*

With Mellarli, patients often have an end to such symptoms as Insomnia, G.I. symptoms, irritability, dejection, and hopelessness before they have a chance to become entrenched.

*Date on tile at Sandoy Pharmacouticate

Mellari (thioridazine) short-term therapy of moderate to marked depression with variable degrees of anxiety in patients with depressive neurosis

consider strice from any country imperimental or hypotenesive head designed extension of designed designed designed of designed d



1 1



The Danger of Double Standard

 $\mathbf{A}^{\text{NY USE OF A}}$ double standard is unfair; in science it is anti-science, and in public health it can be deadly dangerous. The difference with which contraceptive, as compared to therapentic, technology is treated in the press and the political arena results in regulatory inconsistencies affecting controls on substances as di-

verse as the commonplace cyclamates and the most critical cardiovascular maternal deaths are pertinent but not medicinuls.

Even though not a single human denth was traced to the cyclamates and though a huge mortality and morbidity are attributable to obesity (in whose management evelamates are indicated). the single, uncorroborated finding of bladder cancer in a study of rats led to the removal of cyclamntes from drug store sliclycs. MEDICAL TRIBUNE protested that action and pointed out that saccharin, implicated with the cyclamates, was not subjected to regulatory banishment.

Case of Bata-Blockers

Cfinical pharmacologic research on the bcta blockers, potentially very important life-saving agents in critical cardiovascular states, haa been deferred for almost two years on the basis of animal malignancies reported with one ngent. It would not be surprising if serious side effects can be provoked in animals by massive and even less than massive dosages of cardiovascular drugs. After all, they are not inert substances. It would not be surprising if side effects occur in man-after all. they occur with morphine, digitalis, aad oxygen, three of the most common agents used to combat the greatest killer of all, cardiovascular disease. But in respect to one of these we confroot the added inconsisteacy of general drug store availability of one beta blocker and the interdiction of basic clinical pharmacologic studies even under the most controlled conditions by highly qualified investigators on others.

We concur on the need for caution in respect to all substances given to man. But we believe that we should respect considered judgments, recognizing that calculated risks must always be consciously and conscientiously weighed against clinical benefits -for that is the essence of medical decisiona. Such are the daily responsibilities of every practicing physician in this country, as well as of the F.D.A.

Popular "Crists"

On the other hand, we do not believe that popular coocern over the highly propagandized "population crishould invalidate scientific logic or call for fower standards in judgments when these affect contraceptive technology. There are alternates to the Dalkon Shiefd: there are choices other than aterilization; The Pill is not the sole or indispensable measure. Other means are effective and have had a loop history of use. The argument as to the incidence of side effects in pregnancy or

determinative. The social desirability of population control should not dilute scientific standards or medical safeguards in relation to contracentive measures; yet they do because of press

approbation and popular pressures.

There are more than half a million U.S. desths a year (683,100) due to coronary disease alone, compared to 15,200 deaths in childbirth, yet it has been almost impossible to clear cardiovascular agents in the same period that variation after variation of The Pill have obtained F.D.A. blessing and gone to market. Government officials and political figures will give you a plethora of excuses for the continuing promotion as well as constant propagation of new formulations of the two most toxic substances responsible for the largest number of preventable deaths and disabilities-alcohol and tobacco. Yet they pursue to the point of persecution the phantasy of therapeutic agents sans side effects and sans risk

If the press is really concerned about our national health and about the death and suffering of our patients, then it can take a part in saving lives without new legislation-by simply refusing to accept advertising for deathdealing alcohol and tobacco. There is no question as to their cardiotoxicity, cerebrotoxicity, hepatotoxicity and carcinogenicity; there is no question of their habit-forming, dependency pro-voking or, if you wish, "addicting" potentials io man, not just experimental snimals. Failure to recognize these facts and to act upon them suggests a pious hypocrisy manifested by expressions of concern for the public health while pocketing profits through participation in the sale of death-dealing agents. We have enough problems in America without the constant utilization of different standards. Double standards are pernicious socially, illogical scientifically, and unacceptable medically, particularly when lives are

EPICRAMS Clinical and Otherwise

Although human life is priceless, w always act as if something had a even greater price than life ... but what is that something?

Antoine de Vol de Nult ((900-1944) in Saint Exupery

Labeled Antimyosin Antibody New Avenue to Infarct Study

ATLANTIC CITY, N.J.-A new approach to localization and sizing of myocardial infarcts that would be based on the ability of labeled antibody specific for cardisc myosin to concentrate in infarcted tissues was reported here by investigators from the Cardiac Unit of Massachusetts General Hospital,

Such concentration of labeled antimyosin sntibody has now been demonstrated in dogs with experimentally produced infarction, Ben An Khaw, Ph.D., Research Fellow, told the American Society for Clinical Investigation.

Dr. Khaw ssld the concentration occurs "presumably" because the cellular permeability induced by ischemia enables antibody to enter the damaged area.

In the snimal studies, canine cardiac myosin was injected into rabbits. The resulting specific antibody was purified by affinitive chromatography and labeled with ¹²⁵I. Dogs with acute infarction received an intravenous injection of rabbit immunoglobulin 31/2 hours after the last ligation, followed in 30 minutes by an I.V. injection of the labeled anti-myosin antibody.

Examination of myocardium samples obtained from animals sacrified 18 hours later showed a significantly higher concentration of the anti-myosin antibody in the center and periphery of the infarct zone than in normal myocardium, Dr. Khaw said.

Even border zone concentration of this antibody was significantly higher than that in normal myocardium, and localization was higher in ondocardial layers of infarcted myocardium than in cpicardial layers.

Fragment of Antibody Used

Another experiment employed a ragment of the whole antibody from which the "sticky" third of the molecufe had been removed by treatment with pepsia. Specificity of localization with the ¹²⁵1-iabeled fragment was enhanced two and oae-half fold compared to that of whole antibody.

To datermine if localization was specific, the investigators conducted a test in which asimals were injected simuftaneously with anti-myosin antibody fragmeats labeled with 1251 and with nonspecific immunoglobulin fragmeots labeled with 131 I. Localization proved both specific and selective.

Dr. Khaw also reported that a study of anti-myosin antibody and regional blood flow, using 125f-labeled specific antibody fragments and **Sr-labeled microspheres, demonstrated conclusively that reintive antibody concentra-

tloo increases as flow decreases. Dr. Edgar Haber, a member of the investigative team and Professor of Medicine at Harvard Medical School, emphasized during a news conference that research on this possible approach to infarct localization and sizing is atill at its carllest stage of development and "is by ao means ready" for application in clinical practice.

He does however, view the pros pects as encouraging since the animal

experiments show "an unusual degree" of anti-myosia antibody concentration in the infurct center, and such concentrutium is specific.

Wint the team now hopes to do, in said, is to label the myosin-specific antibody with an isotope that allows for scanning. Noting that the isotope in has radiation properties suitable for localization, he pointed out that devices such as a gamma camera aow make it possible to take a picture of a patient and determine where radioactivity is localized.

One major hurdle to overcome is that of foreign protein, Dr. Haber continued. But he suggests that this does not seem an "insuperable" problem since only a few micrograms of myosinspecific antibody would probably prove

Long Experience Noted

"We already have experience with introducing antibody into maa in other circunstances," he said. "For example, In the treatment of organ rejection, antilymphocyte globulia ia gram amounts have been used for years without scrious ill effects."

The next stage in developmentwhich Dr. Hnber expects to get underway within the next two mooths-will be to see if the right isotype can be put on the specific antibody so that a picture can be taken of canine infarction.

"If we can do that," he said, "the next step is to work out methods for applying this procedure to msn."

Other authors of the report were Drs. G. A. Beller und T. W. Smith.

Medicine on Stamps

Nocard, Bouley, Chaveau



Stamp issued by France to honor three famous scientists in the field of veterinary mediciae. Edmond Nocard was associated with Pasicur, discovered the virus of parrot fever, and with Roux studied Actinomyces. Henri Bouley was inspector general of all French anims husandry schools. Served as preside of the French Academy of Medicine and was considered one of the best authorities on the diagnosis and treatment of animal diseases. Jean Chaveau is best known for his investigation of heat and energy re-lations in muscular work and his studies of immunity machanisms.

Text: Dr. Joseph Kle. Stamp: Minkus Publications, Inc., New York

PARTY THE PROPERTY OF THE PARTY Doctors' Debate

Wednesday, Suly 23, 1975

MEDICAL TABBORE proqueatly receives extensive and well-shountenned communications from physicians on current subjects of continuous or those of scent current medical home physicians on current medical states. We undire contributions in these areas for personation in this new feature.

Regarding Dr. Stern and 'Is This How a Conscience Dies?'

Below are some of the many letters responding to Dr. Arthur M. Sackler's column Off, June 11), "Is This How a Conscience Dire?" which dealt with failure to protest the conviction and imprisonment on a charge of bribery of a Soviet physiclas, Dr. Mikhail Shtern, for accepting gifts of chickens and eggs from patients. Protests should be sent to Central Committee of Medical Workers, Mostow, Leninski Prospect 42, U.S.S.R.

Correspondence from Dr. Victor Stern caused confusion about Dr. Shtenes Dr. Sackler's column. Victor Stern and August Steen are sous of Dr. mane in So. Mikhail Shiern and it was August Stern's visit to Dr. Suckler that prompted the column.-Ed.

'Meaningless Loyalty'

Your column "Is This How A Conscience Dies?" so angered me that I won't take the time to type this letter. The delay might take the edge off my

Yes, your conscience is dead or your humanity has become buried in meaningless loyslty-i.c. to newspapers, orgazizations, etc. As a physicinn, you may at times feel that refutiouships between men do matter and that other constructs of social organization, governments, etc., only exist to facilitate imposition of controls necessary to prevent social chaos and perhaps the very inhumanity you refused to act f conscience make a mockery out of the values you believed you were sup-

I hope you see your fivoncrisy and do some act like a sensible man rather than write a cathartic article. Your guilt won't go away.

RONALD A. BORTMAN, M.O. Kensington, Calif.

To the Central Committee . . .

It seems to me, as f sut down to write a letter to the Central Committee of Union of Medical Warkers in Leningrad, U.S.S.R., that it would have about as much effect as throwing a pail of water into the ocean, Granted, if enough palls of water were thrown in it aight make a difference.

However, it seems to me that the much more effective approach to assist physicians fike Dr. Stern would be to express our concerns to Individuals fike you, who have direct contact with health officials in Russia. Then you could make them aware that your cof-

leagues in American are deeply disturbed, and suggest that it be discussed before getting down to talking about world health man power.

The article was heantifully written and extremely maying. DAVID PENT, M.D. Phoenix, Ariz.

Subversion of Conscience

Your editorial regarding "death of a conscience" resulted in considerable introspection for me. It engemered feelings of overwhelming gratitude for liberty. It is so trugically easy to subvert conscience with "principle."

The "Gulug Archipelago" struck Indeed, Doctor, what principle? I'm afreid he's confusing principle with lock horror to my mind. The thought of all uf gut. When the chips were down the International Publisher didn't have the Dr. Shterus makes one weep inside. Please, sir, continue to stimulate our anything inside. It's up to every one of inner sensitivities. I sulute your courage is at every opportunity that presents in using your position in such u thought-provoking and furthright itself to do any meaningful and useful thing to aid the efforts of Soviet diasi-

RICHARD f., CARLSON, M.D. dents to help themselves and their Kirkland, Wash.

A Responding 'Yes'

In miswer to Arthur M. Suckler's question, "fs this how a conscience lie wouldn't have written his long "mea dies?", a resounding YES. Dr. Sackier. culpa," but for heaven's sake, Art, turn International fullisher, Mantcat, down the volume of von Karajan con-Tatuusi, must have felt terribly guilty, and indeed he should have, "Uncosy" is his word to describe his weasing, fishtailing and generally mushy hand-ling of the efforts of a Russian dissident scientist to get published, and of that level of individuals struggling to free scientist's efforts to save the fife of his physician-father, imprisoned in the the left. oviet Union on charges that his son Richard H. Pollen, M.D., F.A.C.P. thought trumped up. So the policy of the MEDICAL TRIBUNE has been to avoid politics; big deal: maybe someone in the Western world appreciates

of your credentials and your Internathat concept, certainly no one in the tional accomplishments. You list some Soviet Union does. Whatever happens experiences and then compare yourself in Russia is totally political. If the face with those who kept quict during the that Soviet science turns to the rest of Nazi era and express admiration for the world seems non-political It is because it serves Russia's political needs iliose who did not. You elearly do not respect your own behavior in this mntto have that appear to be so, in that ter, and wonder aloud if anyone else manner, at that time, until it serves cares, if they have written. their needs for something elsc to ap-

Your excuse for inaction is "principle." Surely, you can't menn you find some principle for not making use of yourself. For fear of antagonizing your Publisher, on loss of Eastern bloc subscribers or some "scientific interchange"-all impersonal, theatrical reayou would withhold help you could give? Whenever we fail to act in such a straightforward case as this, it is usually (always?) because we put our needs Ilrst. Surely, whatever need you have is not worth a man's life.

Further, you should publish what you have done and how you foit better for having tried to help the Sterns after you have done it, as encouragement and Inspiration for thoso readers of yours who will be influenced by your noninvolvement and feel that it's all right for the omissions of moral or ethical behavior because you have set n precedent.

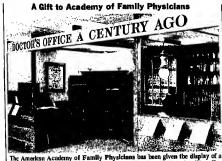
So, to answer your question, there are some of us who care afready. You can lead others to care by doing what you should. You show you know the difference between right and wrong. I am confident you will integrate your self into a great endeavor and not rest untif you have exhausted yourself io hefping Dr. Shtern. You should hope someone would do as much for you some day. Could you find a better principle than this? I, for one, reject all those other "principles" as excuses, which I mention with patience because I know we are not always as sure of

our own motives. With best wishes for you and the Shterns, I am TOM R. GAMBRILL, M.D.

Fullerton, Calif.

P.S. Need bibliography? Read Hochhuth's Stellveireter (The Deputy), the biography of Pope John XXIII, Schwariz-Bart's The Last of the Mob. Kant's Ethical Principles, Schlipps' Philosophy of Martin Buber.





physician's office of a century ago by Mcad Johnson Laboratories. The office

shows instruments, books, furniture, an amputation kit, field microscope, pre-

scription scale, a spring lancet used in bloodletting, mortars and pestles, drug jars, and an examination chair. All of the items were used by a doctor.

pear to be so. "What principle?" Dr.

Sackler finally asked himself, "shaken."

families. Dr. Sackler's allusion to the

plight of those who suffered under the

Mazi terror is well founded. Dr.

Sackier's conscience is not dead yet, or

ducting Brahm's First, let some of the

ego-trip fall away from your crstwillo

effort to "establish a task force on

world health manpower" and listen to

themselves from the totalitarianism of

I am writing to you in response to

your article concerning your con-

your article concerning your con-science, in which you agontzed over your failure to help Dr. August Stern's father, who has been imprisoned un-

justly, as you make it clear in your

article. In your opinion at least, it is

ft is with a great feeling of sadness

that I write you. I assure you I do wish

to be polite to you because I do want

you to act in this matter as you should. It would be an even greater sadness if

you should be repelled and fall to act.

You probably intended all along to

help the Sterns. You clearly state to

your article that you have contacts and

can do it. You appear to be proud of

My sadness is from disappointment.

Excuse for Inaction'

Kensington, Md.

Aspirin Scores High As an Antiarthritic In Synovial Testing

Medical Tribune Repor

NEW ORLEANS-The old standby, aspirin, gets high marks in a new system developed at the Massachusetts General Hospital for testing antiarthritie

The method reported at the American Rheumatism Association meeting here uses cultures of synovial tissue taken at surgery from the joints of rheumatoid arthritis patients.

Dr. F. G. Kantrowitz and his colleagues found that the tissues continued to produce abnormal omounts of prostaglandin E. believed by many investigators to be involved in inflammatory reactions associated with orthritis.

The synovial tissue, he said, is 100 to 1000 times more sensitive than the bovine seminal vesicle microsomal preparations which have been used until now to study the effectiveness of drugs in the inhibition of prostaglandin

Drugs having wenk effects, or none at all, included these agents now widely used in the treatment of rheumatic diseases: azathioprine, hydroxyehloroquine, acetaminophen and penicillamine. Dr. Kantrowitz said sodium salicylate and gold sodium thiomalste did not produce any significant inhibition. He speculated that these drugs probably exert their major effects via other mechanisms

Dexemethasone Very Effective

Tests with bovine seminal vesicle preparations indicate that the corticosteroids are inactive in inhibiting prostaglandin blosynthesis. But the Boston investigators found that dexamethasone, when tested with synovial tissue, showed striking inhibitory properties, Dr. Kantrowitz snid this fact eventu-

ally might prove to be the most important discovery made with synovial tissue cultures because it may be possible to isolate the part of the dexaand use it clinically without subjecting patients to the side effects of sterolds

Hc said the study does nothing to compromise the position of aspirin as the first line drug for treating rheumatoid arthritia patienta. He said aspirin controls the symptoms, and can be tolerated in large amounts by most patlents if taken on a full stomach or in buffered form.

He acknowledged there is controversy over the question of whether prostaglandin is inflammatory or anti-Inflammatory. But he said the data are weighted on the inflammatory side, sithough PGE, seems to be anti-Inflammatory.

Dr. Kantrowitz' en-worker Dr. Dwight R. Robinson, presented another paper resulting from the synovial tissue work. He said apparently PGE2, produced locally by synovial tissue, may coatribute to the destruction of juxta-articular bone in rheumatoid

Dr. Lawrence Levine and Ma Mary McGuire also were associated with Dr. Kantrowitz, and Dr. A. H. Tashilan Jr.

****Most moderately** hypertensive patients who have remained hypertensive despite thiazide and reserpine therapy can attain an acceptable level of blood pressure with this drug [guanethidine]. 99

When hypertension threatens to outrun control.

Although useful for mild to moderate Authoright useful for mild to incolerate hypertensian, the classical thiazide-reservine regimen often proves insufficient to control the moderate to severe

hypertensiva.

Substituted for reserpine, or added cautiously to a thiazide-reserpine regimen, ismellin may well provide the extra measure of control necessary.

extra measure of control necessary.
Because guanethdins is perhaps the mest affective entilypertensive ever available, Ismelin usually brings blood pressure, down to stay.
And used with thiazides, which

And used with imazines, which alignment the antipressor activity of more potent agents, including ... guanethiding ... "the required addition."

may be low.

Whenever is malin is added to other antihypertensives, initial doses should

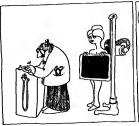
be small, and increased gradually by small increments. Once blood pressure control is achieved, all drug once in the control is achieved, all drug of the control is achieved and the lowest office in the control is achieved to design of the control in the control is achieved to design of the control is achieved to warmed about the Dolephial in the control is achieved to achieve the control is achieved the control is achieved to achieve the control is achieved to achie

A title extra patient cooperation may be required.

But it may well be worth it—for the axtra protection lamelin offers against uncontrolled hypertension.

Lamelin—monthy effective in convenient one-pitch deadle encourages patient omightunes.

Wednesday, July 23, 1975 clinical Trials







TRIBUNE SPORTS REPORT

X-Rays Show Neck Damage In 1 of 3 College Grid Rookies

lowa City-A controlled study of incoming rookie players at the Univer-sity of Iowa has found that one out of three showed radiologic evidence of damage to neck vertebrae at the time of his first college physical examina-

Dr. John P. Albright, Assistant Professor of Orthopedic Surgery, added that a group of students who did not play football gave no evidence of neck sbnormality, he added.

As a result of the study, Dr. Albright and his colleague, Dr. Horley Feldick, director of the Student Health Service and teom physician, urged "more extensive use of x-ray examination when neck pain is prescut, along with a delay in return to practice if there is pain or other symptom."

The "shocking" incidence of compression fractures, disk norrowing, and osterior element fractures would have seen missed if only the physical exam

had been used for evaluation, they pointed out.

After studying local high-school football tactics, the investigators also recommended routine neek x-rays for high-school players.

Spearing, butting, and face-tackling, the three maneuvers held chiefly responsible for the findings, should be euriniled, they said, Spearing, in which the head is driven into a grounded offensive opponent, is nlreody illegal, they noted, but butting and face-tackling are not.

In butting, they explained, the lawered hend is used in blocking and tuckling, and in face-tackling, the player uims his hend at the opponent's jersey number and extends both head and neck at Impact.

"Same persons think the elimination of the present-day rigid face-mask would discourage such tackling," Dr. Feldick said, but it would also increase the number of broken noses?

Orthodontic Subject

IMMATERIA MEDICA

The Problem at Bunker Hill

Beeause Dr. Joseph Warren was one of the fallen patriotic heroes of the Buttle of Bunker Hill, eelebrated on a 10-cent stamp and the front page of MEDICAL TRIBUNE, we dispatched one of our footloose correspondents to the reenactment of that battle.

We won't get into why he never reported until now except to say that he came in wearing a ketchup-soaked bondage and cleimed to be one of the few true survivors of the re-enactment. He asserts that the real trouble with the official reenactment wasn't the chieken-wire and pspier-mache barriendes that dummied in for the breastworks of 1775. Mostly, he says, the trouble came from the fact that we have better powder now and the smoke so completely obscured the battle that no one knew too much about what was happening. And the real crisis came when burly Charlie McGonucle, eaptain of the defending Charlestown Militio, gave the historie order, "Don't fire 'til you see the whites of their eyes," and the British Redconts turned

out to be wearing sunglasses.

So you see why the British won again, just as they did in 1775. At least, that's our man's story.

Maternal Smoking Said to Raise Perinatal Death Rate by Third

Naw York-The woman who smokes cigarettes during pregnancy is literally "smoking for two." She is not only endaagering her own health, but doubles the chances of a low-birth-weight infant and increases by one-third the possibility of perinatal death.

The effects of maternal smoking on the fetus are also "dosage-related"the more the mother smokes, the worse it is for the fetus, Dr. Neville Butler, Professor of Child Health, University of Bristol, England, told the Third World Conference on Smoking and Health, held here.

He added that, if the mother stops smoking during the first half of her pregnancy, the baby has a 100 per cent good chance of no risks and a sormal birth weight."

Just one eigarette, Dr. Butler told his audience, increases the mother's level of earboxyhemoglobin by 10 per cent, and this goes straight to the fetus. with a comparable decrease in avail-

In fact, "among smokers, higher eathon monoxide levels, have been mothers who smoked during pregnancy

blood. The increase in earbon monoxide lasts about seven hours," he said.

In addition, smoking two clearettes during the last 10 weeks of pregnancy decreases fetal breothing movements by one-third, according to a study of 18 pregnancies at Oxford University. Normally, Dr. Butler said, the fetus breathes 60 per eent of the time, but after these mothers smoked only two clgarettes, the fetal movements, measured by ultrasonography, dropped to 40 per cent.

Heert Rete Rise Noted in 1935

That the fotal heart rate ones up as well after a single eigarette was re-ported in 1935, Dr. Butler added.

According to the British Perinatal Mortality Study, In which Dr. Butlar and others studied some 13,000 ehlldren for over 11 years, the effects of maternal smoking on the child's later development are minor in individual cases, but reflect a serious problem on a mass scale, he commented

At age 11, for example, children of

were an average of three months behind others in reading skills and threefourths of an inch shorter, Dr. Butler reported. Apparently then, smoking early in life, very sarly in life, does indeed stunt one's growth.

Photo credit: NIII Photo This mankey's jaw has been re-

nligned as part of an orthodoutic

study at the University of Washing-

on. The study, seeking new wuy

of aligning teeth by altering the structure of facial bones, is being

directed by Benjamin Moffet, Ph.D.,

Professor of Orthodonties.

The mother's other children are in greater danger from respiratory illness and asthma attacks, he said.

Despite the mounting evidence against eigarettes, Dr. Butler also reported that in Great Britain, more pregnant women are smoking now than before. In 1966, he said, 36 per cent of pregnant women smoked cigarettes; by 1971, the figure was 41 per cent.

the Brilish health education campaign against amoking has not been direct enough. "Everyone is afraid of fright-ening mothers," he said, eiting a recent controversy over an antismoking poster, "but I think this is a risk which has to be taken.

"If we had \$200,000,000 to promote stopping the way tobacco companies have had for research and advertising in favor of smoking. I think we would have better success," he added.

 "Six potients died before fulfilling the electroencephalographic criteria for death," notes the abstract of a J.A.M.A. article, which Dr. Hugh Haden of Birmingham, Ala., felt was rather inconsiderate of them.

· "Three women have been falled in connection with yesterday's finely timed eseape," reads a New York Daily News item sent by Dr. Robert Y. Piek, of Jackson Heights, N.Y. Looks like more male chauvinism from here.

 "My roots are portable," says Ansis Nin, in Vol. 5, of her diary interminable, published by Harcourt Brace Iovanovieh. Meaning, of course, she is rooted in herself.

Now that bossball's heading for the Series, we keep being haunted by Kay Iselin Gilman's characterization of Howard Cosell as "an auditory toothache." We don't even have to hear him to know what she means.

